# Characterization of DDoS attacks using Time-based Features

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## 1 Introduction

This paper describes the results of applying a machine learning approach to the detection of DDoS attacks using a time-based feature set. The approach is based on the use of a time-based feature set that is derived from the time-based features of the TCP and HTTP protocols. The time-based features are derived from the TCP and HTTP protocols, using a large set of static and dynamic time-based features. The paper also describes the results of applying a time-based feature set to the detection of DDoS attacks, using a large set of static and dynamic time-based features. The paper also describes the results of applying a time-based feature set to the detection of DDoS attacks, using a small set of static and dynamic time-based features. The paper also describes the results of applying a time-based feature set to the detection of DDoS attacks, using a small set of static and dynamic time-based features.